

ATTY, DOCKET NO. APPLICATION NO. U.S. DEPARTMENT OF COMMERCE FORM PTO-1449 (REV.7-80) PATENT AND TRADEMARK OFFICE 10/007,700 210121.455C17 APPLICANTS INFORMATION DISCLOSURE STATEMENT Tongtong Wang et al. FILING DATE GROUP ART UNIT November 30, 2001 1632 **U.S. PATENT DOCUMENTS** FILING DATE SUBCLASS DOCUMENT NUMBER DATE NAME CLASS IF APPROPRIATE 435 69.3 4nc 07/21/98 Suminami et al. 5,783,422 4r Irie et al 424 185.1 5,705,159 01/06/98 FOREIGN PATENT DOCUMENTS TRANSLATION DOCUMENT DATE COUNTRY NUMBER YES GW WO 99/47674 09/23/99 **WIPO** AC **WIPO** WO 99/38973 08/05/99 AD 10/22/98 **WIPO** WO 98/46788 ΑE WO 98/35985 08/20/98 **WIPO** AF WO 97/07244 02/27/97 **WIPO** AG WO 96/30389 10/03/96 **WIPO** AH 09/19/96 **WIPO** WO 96/28473 Αl EP0695760A1 02/07/96 **European Patent Office** ΑJ 02/01/96 WO 96/02552 **WIPO** AK 08/17/95 **WIPO** WO 95/21862 ΑL WO 94/06929 **WIPO** 03/31/94 ΑM WO 91/18926 **WIPO** 12/12/91 IN OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) Baldi et al., "Differential expression of Rb2/p130 and p107 in normal human tissues and in ΑO Suc primary lung cancer," Clinical Cancer Research 3(10):1691-1697, October 1997. Brass et al., "Translation initiation factor eIF-4gamma is encoded by an amplified gene and GUL induces an immune response in squamous cell lung carcinoma," Human Molecular Genetics, 6(1): 33-39, 1997. **EXAMINER DATE CONSIDERED** Shin-Lin 3-35-04 * EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).



FORM PTO-1449 (REV.7-80)			I.S. DEPARTMENT ATENT AND TRAD		ATTY, DOCKET NO. 210121.455C17		APPLICATION NO 10/007,700	FI\	ED				
DIFE	JRM.	ATION DISCLOSU	RE STATEM	IENT	APPLICANTS Tongtong Wang et al				152				
6,,,	ري -	Use several sheets if ne			FILING DATE		GROUP ART UNIT						
/ `	MOL.	<u></u>			November 30, 2001		1632 TEC	H CEN	IER 16	0/290 0			
MAR	 ند	الع	U.S.	PATENT I	DOCUMENTS				1211 10	00/2300			
EXCEPPER INTER LATE	ADEM	DOCUMENT NUMBER	DATE		NAME CLASS SUBCLASS FILING I								
	ва												
FOREIGN PATENT DOCUMENTS													
		DOCUMENT NUMBER	DATE		COUNTRY			TRANS YES	LATION NO				
	BB			<u> </u>									
		отни	ER PRIOR A	RT (Including	Author, Title, Date, Pertinent Pa	ges, Etc.)							
4vi	вс	Database EM 1999.	IBL Nucleot	tide and Pro	tein Sequence, Access	ion No	. AI468638, I	March 1	17,				
	BD		Database EMBLest17 Accession No. AA340797:EST46165 Fetal kidney II Homo sapiens cDNA 3' end, April 18, 1997.										
	BE	I	Database EMBLest17 Accession No. W22264:Human retina cDNATsp-509I-cleaved sublibrary Homo sapiens cDNA not directional, May 9, 1996.										
	BF	analysis of se	Davidson et al., "Lung tumours immunoreactive for parathyroid hormone related peptide: analysis of serum calcium levels and tumour type," <i>Journal of Pathology 178</i> :398-401,										
	BG	Finch et al.,	January 1996. Finch et al., "Identification of a cloned sequence activated during multi-stage carcinogenesis in mouse skin," Carcinogenesis, 12(8):1519-1522, August 1991.										
	ВН		Gerhold and Caskey, "It's the genes! EST access to human genome content," <i>BioEssays</i> 18(12):973-981, 1996.										
	Bl	expression of	Hara et al., "Characterization of cell phenotype by a novel cDNA library subtraction system: expression of CD8α in a mast cell-derived interleukin-4-dependent cell line," <i>Blood</i> 84(1):189-199, July 1, 1994.										
4u	Bì		Henderson et al., "Identification of lung tumor antigens for cancer immunotherapy: immunological and molecular approaches," <i>Immunological Investigation 29</i> (2):87-91, May										
EXAMINE	R	Shin-	-Lin C	hon	DATE CONSIDERED	3~	-75-04						
* EXAMINE					formance with MPEP 609. Draw		gh citation if not in						



			S. DEPARTMENT ATENT AND TRAD		ATTY. DOCKET NO. 210121.455C17	A 1	APPLICATION NO RECEN					
JNF	ORM.	ATION DISCLOSU	RE STATEM	IENT	APPLICANTS Tongtong Wang et al. MAR 1 5 20							
(IP	E	Use several sheets if nu			FILING DATE GROUP ART UNIT							
/-		Cor \			November 30, 2001	1	632 JEC	LCENT	ER 1600	0/2900		
MAR 1	7 200	FICE	U.S	. PATENT I	DOCUMENTS					•		
*EXPAINER INNER	ADEN	OCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING IF APPRO				
	CA											
FOREIGN PATENT DOCUMENTS												
		DOCUMENT NUMBER	DATE		COUNTRY			TRANSL	NO			
	СВ											
	·	ОТНІ	R PRIOR A	RT (Including	Author, Title, Date, Pertinent Pa	ges, Eic.)						
							uamous cell	carcino	oma			
Gul	CC	, ,	Hogan et al., "The peptide recognized by HLA-A68.2-restricted, squamous cell carcinoma of the lung-specific cytotoxic T lymphocytes is derived from a mutated elongation factor 2									
′			-		4-5150, November 15,							
	CD	Hu et al., "A	small prolin	ne-rich prote	ein, spr1: specific mark	er for so	quamous lun	g				
		carcinoma,"	Lung Cance	r 20:25-30,	1998.				}			
1	CE	l l	•		of chimeric peptides of		-	_				
			•	-	nce for in vivo induction	on of cy	totoxic T-cel	li respo	nses,"			
					249(3):895-904, 1997.	on " Not	uma Diatash		16.27			
)	CF	31, January	•	DNA cnips	: an array of possibiliti	es, Nai	ure Biotecni	iology .	10:27-			
		31, January	1770.									
	CG	Pastor et al.,	"Diagnostic	value of So	CC, CEA and CYFRA	21.1 in	lung cancer:	a Baye	sian			
		analysis," Ei	ır. Respir J.	<i>10</i> (3):603-6	509, March 1997.		_					
	СН	Rammensee	et al., "MH(C ligands an	d peptide motifs: first	listing,"	Immunogen	etics 41	7:178-			
		228, 1995.										
	\vdash		//Days 11						200			
	CI	Ramsay, G.,	"DNA chips	s: state-of-ti	ne art," Nature Biotech	nology I	6:40-44, Jar	uary 19	998.			
		Ruppert et al	"Promine	nt role of se	condary anchor residue	es in pen	tide binding	to HLA				
4n	C1				September 10, 1993.	o m pop	and omang					
EXAMINE	ER	Shin-L	n Cl	iln	DATE CONSIDERED	3	-25201	X				
*EXAMIN			-		nformance with MPEP 609. Draw	_	h citation if not in					

Sheet <u>4</u> of <u>5</u>

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE ATTY. DOCKET NO. APPLICATION NO RECURSIVE APPLICATION APPLICATION NO RECURSIVE APPLICATION NO RECURSIVE APPLICATION	EIV	ED									
INFORMATION DISCLOSURE STATEMENT Tongtong Wang et al. MAR	APPLICANTS Tongtong Wang et al. MAR 1 5 20										
P E (Use several sheets if necessary) FILING DATE November 30, 2001 GROUP ART UNIT November 30, 2001 1632 FILING DATE November 30, 2001	FILING DATE GROUP ART UNIT										
WAR 12 2002 SU.S. PATENT DOCUMENTS]									
NAME CLASS SUBCLASS FILING	FILING DATE IF APPROPRIATE										
DA DA											
FOREIGN PATENT DOCUMENTS											
DOCUMENT DATE COUNTRY TRANS YES	LATION NO										
DB DB											
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)											
Russell and Barton, "Structural features can be unconserved in proteins with similar for	olds,"										
J. Mol. Biol. 244:332-350, 1994.											
Sherman et al., "Selecting T cell receptors with high affinity for self-MHC by decrease contribution of CD8," Science 258:815-818, October 30, 1992.	Sherman et al., "Selecting T cell receptors with high affinity for self-MHC by decreasing the contribution of CD8," <i>Science 258</i> :815-818, October 30, 1992.										
Skeiky et al., "Cloning, expression and immunological evaluation of two putative secretarine protease antigens of Mycobacterium tuberculosis," <i>Infection and Immunity</i> 67(8):3998-4007, August 1999.											
	Theobald et al., "Targeting p53 as a general tumor antigen," Proc. Natl. Acad. Sci. USA										
$ \omega $	Visseren et al., "Identification of HLA-A *0201-restricted CTL epitopes encoded by the tumor-specific MAGE-2 gene product," <i>International Journal of Cancer</i> 73(1):125-130,										
Wang et al., "Identification of genes differentially over-expressed in lung squamous ce	ell .										
carcinoma using combination of cDNA subtraction and microarray analysis," Oncoger	1e										
19(12):1519-1528, March 16, 2000. Wells and Peitsch, "The chemokine information source: identification and characterization and charac	ation										
of novel chemokines using the WorldWideWeb and expressed sequence tag databases											
Journal of Leukocyte Biology 61:545-550, May 1997.											
נס											
EXAMINER Shin-Lin Why DATE CONSIDERED 3-21-04											
* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).											

										٦				
FORM PTO-144 (REV.7-80)	9		.S. DEPARTMENT ATENT AND TRAD		ATTY. DOCKET NO. 210121.455C17		APPLICATION NO 10/007,70	REC	EIV	En				
	<u></u>			(VIII)	APPLICANTS MAD 1 5 a									
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	~	ATION DISCLOSU (Use several sheets if ne		ENT :	Tongtong Wang et al. MAR 1 5 20									
	war (Nose several sheets if he			November 30, 2001 GROUP ART UNIT 1632 TECH CENTER 1600									
MAR		<u> </u>	U.S.	PATENT I	DOCUMENTS		·							
PEXAMENTER INTERMEDITAL	DEMAY	DOCUMENT NUMBER	DATE		NAME	CLA	SS SUBCLAS		FILING DATE IF APPROPRIATE					
	EA													
			FOREI	GN PATEN	NT DOCUMENTS									
		DOCUMENT NUMBER	DATE		COUNTRY			TRAI	NSLATION NO	}				
	EB													
		ОТН	ER PRIOR A	RT (Including	Author, Title, Date, Pertinent Pag	ges, Etc.)							
	EC	Yee et al., "I	solation of t	yrosinase-s	pecific CD8 ⁺ and CD4 ⁺	T ce	ll clones fron	n the pe	eripheral	1				
4u	EC	EC	EC	EC	EC				ng in vitro stimulation v					
	ED								-					
	בט													
	<u> </u>			·						-				
	EE													
··-··							· · · · · · · · · · · · · · · · · · ·			1				
	EF ·													
	EG]				
	ļ									-				
	ЕН													
		·												
	╁┈			,						1				
	EI													
	 								···································	1				
	EJ			•										
EXAMINI	ER ,	Shin-L	in C	hen	DATE CONSIDERED	3	-25-0	4						
* EXAMIN	ER:				nformance with MPEP 609. Draw		ough citation if not	in						
·		conformance and not cons	iuerea. Include co	opy of this form v	with next communication to applic	म्पा(ऽ).				J				

				S. DEPARTMENT (TENT AND TRAD									
SEC	SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT APPLICANTS Tongtong Wang et al.												
		(Us	se several sheets if ne	1	2 4 2002	FILING DATE GROUP ART UNIT November 30, 2001 1632							
November 30, 2001 1632 *EXAMINER DOCUMENT NUMBER DATE NAME CLASS SUBCLASS FILING DATE NAME CLASS SUBCLASS IF APPROPRIA													
*EXAMINER INITIAL		DO	CUMENT NUMBER	DATE	·	NAME	CLA	SS SUBCL	ASS		DATE OPRIATE		
·	AA	6,2	297,364	10/2/01	Chen et al		536	23.1					
	AB			· ·	! 								
	AC												
·	AD	L_					<u> </u>						
				FOREI	GN PATEN	IT DOCUMENTS							
		T	DOCUMENT NUMBER	DATE		COUNTRY				TRANS	LATION NO		
	AE												
· · · · · · · · · · · · · · · · · · ·	AF												
	AG	T						······································					
	АН												
ı	Al												
			ОТНЕ	R PRIOR A	RT (Including	Author, Title. Date, Pertinent Pa	ges, Etc.,	, ,	٩E	CE	VED		
m	ΑJ					035, February 21, 200			JUL	2 6	2002		
w	AK		Geneseq Acc	ession Num	ber AAZ36	150, December 7, 199	9.	TEC	H CE	NTER	1600/2900		
Suc	AL	V	Jolly, D., "Vi	Jolly, D., "Viral vector systems for gene therapy," Cancer Gene Therapy 1(1):51-64, 1994.									
	AM												
	AN												
EXAMINE	ER	اا	Shin-L	-in C	hen	DATE CONSIDERED	3-	-25-	ی ر	f			
* EXAMINI						nformance with MPEP 609. Drawith next communication to appli		ough citation if	not in				
D-\NeDoghl\iM			IU/303033 1 DOC		· · · · · · · · · · · · · · · · · · ·								

COPY OF PAPERS ORIGINALLY FILED

FORM PTO-144 (REV.7-80)	9			S. DEPARTMENT TENT AND TRAD									
.						APPLICANTS 10/00/,/00							
SUPPI	Æ MI	ENT	AL INFORMAT	TION DISCLO	OSURE	Tongtong Wang et al.							
0.5	1001.	<i>بيرن</i>	STATEMENT See several sheets if nee	cessary)		FILING DATE-			UP ART UNIT				
1 HW 00		3.				November 30, 2001		103	2.				
FER	- LAP	2		U.S.	PATENT I	DOCUMENTS	,						
EXAMERA INITIAL		DC	DOCUMENT NUMBER DATE			NAME	CLAS	SS	SUBCLASS	FILING IF APPRO	DATE OPRIATE		
	АА												
	AB							R	ECEI	VE	D		
	AC								MAY 0 S	2002			
	AD						<u> </u>			4000	nnnΩ		
				FOREI	GN PATEN	T DOCUMENTS		TEC	H CENTER	יוטטטד	2300-		
		Τ	DOCUMENT NUMBER	DATE		COUNTRY				TRANSI			
	AE	+	NONDER							YES	NO		
	AE	+											
	AF	\perp		· .									
	AG	<u> </u>											
 	ΑН												
	ΑI		_										
			OTHE	R PRIOR A	RT (Including	Author, Title, Date, Pertinent Pa	iges, Eic.)						
4V	ΑJ	,	GenBank Acc	ession Nun	nber AF043	977, June 23, 1999.							
,			Car Davis Ass	·	1 110504	C I-1-20 1000							
	AK	/	Gendank Acc	ession Nun	iber 06394	6, July 30, 1999.							
	AL	٠	Geneseq Acce	ession Num	ber AAZ24	653, December 7, 199	9.						
	AM		1		_	nd transmembrane stru							
		J	lung, trachea, 1999.	and mamm	ary gland,"	Am. J. Physiol. 276(C	ell Phy	/siol	45):C126	1-C127	70,		
GN	ΑN		1 .			terization of homolog	ues of 1	he F	Exocyst co	mpone	nt		
ŕ			Sec10p," <i>FEE</i>	BS Letters 40	<i>04</i> (2 - 3):135	i-139, 1997.							
EXAMINE	R		Shin-L	in C	hen	DATE CONSIDERED	3	-2	5-04	<u> </u>			
* EXAMINE	* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).												

COPY OF PAPERS ORIGINALLY FILED